

IFW #

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: February 14, 2006 Name: Gustavo Siller, Jr.

Signature: \_\_\_\_\_

BRINKS  
HOFER  
GILSON  
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kazuaki Ikarashi et al.

Serial No. 11/271,263

Filing Date: November 8, 2005

For: EXCHANGE-COUPLED FILM INCLUDING  
PINNED MAGNETIC LAYER COMPOSED OF A  
PLURALITY OF COBALT-IRON ALLOYS  
HAVING DIFFERENT COMPOSITIONS  
DISPOSED ON ANTIFERROMAGNETIC LAYER,  
AND MAGNETIC SENSING ELEMENT



Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Letter (in duplicate); Response to Notice of Informal Application (in duplicate); Copy of Notice of Informal Application; Executed Declaration and Power of Attorney
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☒ An extension fee in an amount of \$120 for a one-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

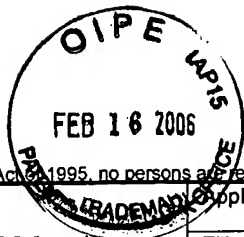
Fee payment:

- ☐ Checks in the amount of \$\_\_\_\_\_ are enclosed.
- ☒ Please charge Deposit Account No. 23-1925 in the amount of \$120. A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

February 14, 2006  
Date

Respectfully submitted,

Gustavo Siller, Jr. (Reg. No. 32,305)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/521,920
Filing Date	July 11, 2005
First Named Inventor	John K. Leach
Art Unit	1651
Examiner Name	To be assigned
Attorney Docket Number	019028-56312

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Mailing; Request for Corrected Filing Receipt; COPY - Filing Receipt with Corrections Marked in Red Ink; and Return Receipt Postcard
<b>Remarks</b> The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment to the Nixon Peabody LLP Deposit Account No. 50-0850.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Nixon Peabody LLP, 100 Summer Street, Boston, MA 02110		
Signature	<i>J. Amelia Feulner</i>		
Printed name	Ronald I. Eisenstein/J. Amelia Feulner		
Date	2/7/06	Reg. No.	30,628/58,039

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Linda M. Ginsberg</i>		
Typed or printed name	Linda M. Ginsberg	Date	02/08/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on February 14, 2006  
*Date of Deposit*



Gustavo Siller, Jr., Reg. No. 32,305

Name of Applicant, Assignee or  
Registered Representative

  
Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kazuaki Ikarashi et al. )  
Serial No. 11/271,263 )  
Filing Date: November 8, 2005 )  
For: EXCHANGE-COUPLED FILM )  
INCLUDING PINNED MAGNETIC )  
LAYER COMPOSED OF A PLURALITY )  
OF COBALT-IRON ALLOYS HAVING )  
DIFFERENT COMPOSITIONS )  
DISPOSED ON ANTIFERROMAGNETIC )  
LAYER, AND MAGNETIC SENSING )  
ELEMENT )

**RESPONSE TO NOTICE OF INFORMAL APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

In accordance with the Notice of Informal Application dated December 9, 2005, a copy of which is attached, enclosed herewith for filing are the following documents:

  x   Fully executed Declaration and Power of Attorney for Patent Application for the above-referenced patent application.

  x   Applicant is:

       a small entity, verified statement is:

☐ attached

☐ already filed

☒ other than small entity

☐ Checks totaling \$\_\_\_ for:

☐ Filing Fee of \$\_\_\_

☐ Surcharge of \$\_\_\_

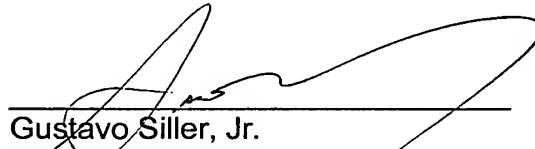
☐ Additional Claim Fees of \$\_\_\_.

☒ Petition for Extension of Time (37 C.F.R. § 1.136(a)) to respond to Notice of Informal Application (in duplicate).

☐ Other: Request for Correction of Filing Receipt, Assignment Recordal and Assignment

☒ The Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.

Respectfully submitted,

  
\_\_\_\_\_  
Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicants

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
11/271,263	11/08/2005	Kazuaki Ikarashi	9281-5201

CONFIRMATION NO. 9837

## NOTICE OF INFORMAL APPLICATION

This application is considered to be informal since it does not comply with the regulations for the reason(s) indicated below. The period within to correct the informalities noted below and avoid abandonment is set in the accompanying Office action.

**Items Required To Avoid Processing Delays:**

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

**A new oath or declaration, identifying this application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:**

- does not identify the citizenship of each inventor.

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